

Resource Summary Report

Generated by [RRID](#) on Aug 7, 2026

Synaptophysin antibody

RRID:AB_778204

Type: Antibody

Proper Citation

Abcam Cat# ab32594, RRID:AB_778204

Antibody Information

URL: http://antibodyregistry.org/AB_778204

Proper Citation: Abcam Cat# ab32594, RRID:AB_778204

Target Antigen: Synaptophysin antibody

Host Organism: rabbit

Clonality: polyclonal

Comments: validation status unknown, seller recommendations provided in 2012: Western Blot; WB

Antibody Name: Synaptophysin antibody

Description: This polyclonal targets Synaptophysin antibody

Target Organism: rat, cow, mouse, zebrafish/fish, bovine, zebrafish, human, sheep

Antibody ID: AB_778204

Vendor: Abcam

Catalog Number: ab32594

Record Creation Time: 20250819T210557+0000

Record Last Update: 20250819T215034+0000

Ratings and Alerts

No rating or validation information has been found for Synaptophysin antibody.

No alerts have been found for Synaptophysin antibody.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 13 mentions in open access literature.

Listed below are recent publications. The full list is available at [RRID](#) .

Ren J, et al. (2025) Dynamic changes of hippocampal dendritic spines in Alzheimer's disease mice among the different stages. *Experimental neurology*, 390, 115266.

Tan J, et al. (2025) Placode and neural crest origins of congenital deafness in mouse models of Waardenburg-Shah syndrome. *iScience*, 28(1), 111680.

Zengeler KE, et al. (2025) Inflammasome signaling in astrocytes modulates hippocampal plasticity. *Immunity*, 58(6), 1519.

Li W, et al. (2025) Procalcitonin contributes to hippocampal neuronal damage and impairment of LTP: implications for cognitive dysfunction in LPS-induced neuroinflammation rat model. *Archives of microbiology*, 207(6), 127.

Guo Y, et al. (2023) Neural progenitor cells derived from fibroblasts induced by small molecule compounds under hypoxia for treatment of Parkinson's disease in rats. *Neural regeneration research*, 18(5), 1090.

Li Y, et al. (2023) Multi-omics analysis of a drug-induced model of bipolar disorder in zebrafish. *iScience*, 26(5), 106744.

Wei F, et al. (2022) Experiences Shape Hippocampal Neuron Morphology and the Local Levels of CRHR1 and OTR. *Cellular and molecular neurobiology*.

Wei F, et al. (2022) Effects of maternal deprivation and environmental enrichment on anxiety-like and depression-like behaviors correlate with oxytocin system and CRH level in the medial-lateral habenula. *Peptides*, 158, 170882.

Sharma Y, et al. (2020) In vitro human stem cell derived cultures to monitor calcium signaling in neuronal development and function. *Wellcome open research*, 5, 16.

Matsui H, et al. (2019) Age- and ??-Synuclein-Dependent Degeneration of Dopamine and Noradrenaline Neurons in the Annual Killifish *Nothobranchius furzeri*. *Cell reports*, 26(7), 1727.

McLeod VM, et al. (2019) Androgen receptor antagonism accelerates disease onset in the SOD1G93A mouse model of amyotrophic lateral sclerosis. *British journal of pharmacology*, 176(13), 2111.

Mantanona CP, et al. (2019) Altered motor, anxiety-related and attentional task performance at baseline associate with multiple gene copies of the vesicular acetylcholine transporter and related protein overexpression in ChAT::Cre+ rats. *Brain structure &*

function, 224(9), 3095.

McGann JC, et al. (2018) Neuronal activity induces glutathione metabolism gene expression in astrocytes. *Glia*, 66(9), 2024.